Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta161ltxm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

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NEWS  1              Web Page URLs for STN Seminar Schedule - N. America
NEWS  2              "Ask CAS" for self-help around the clock
NEWS  3   SEP 09     CA/CAplus records now contain indexing from 1907 to the
                     present
NEWS  4   AUG 05     New pricing for EUROPATFULL and PCTFULL effective
                     August 1, 2003
NEWS  5   AUG 13     Field Availability (/FA) field enhanced in BEILSTEIN
NEWS  6   AUG 18     Data available for download as a PDF in RDISCLOSURE
NEWS  7   AUG 18     Simultaneous left and right truncation added to PASCAL
NEWS  8   AUG 18     FROSTI and KOSMET enhanced with Simultaneous Left and Righ
                     Truncation
NEWS  9   AUG 18     Simultaneous left and right truncation added to ANABSTR
NEWS 10   SEP 22     DIPPR file reloaded
NEWS 11   SEP 25     INPADOC: Legal Status data to be reloaded
NEWS 12   SEP 29     DISSABS now available on STN
NEWS 13   OCT 10     PCTFULL: Two new display fields added
NEWS 14   OCT 21     BIOSIS file reloaded and enhanced
NEWS 15   OCT 28     BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS    NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
                MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
                AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS      STN Operating Hours Plus Help Desk Availability
NEWS INTER      General Internet Information
NEWS LOGIN      Welcome Banner and News Items
NEWS PHONE      Direct Dial and Telecommunication Network Access to STN
NEWS WWW        CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

    * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:57:45 ON 24 NOV 2003

=> file casreacts

'CASREACTS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HOME'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file casreact

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CASREACT' ENTERED AT 10:58:18 ON 24 NOV 2003
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1907 - 23 Nov 2003 VOL 139 ISS 21

Some records from 1974 to 1991 are derived from the ZIC/VINITI data file
and provided by InfoChem and some records are produced using some INPI
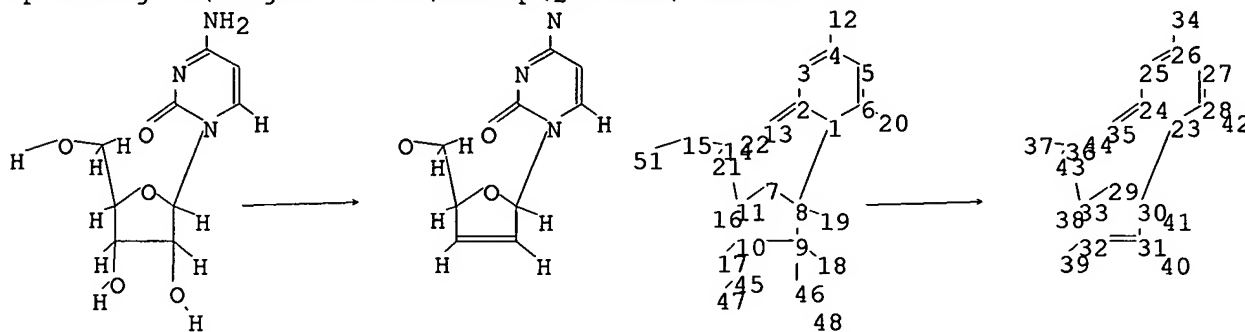data from the period prior to 1986.

This file contains CAS Registry Numbers for easy and accurate substance
identification.

Crossover limits have been increased. See HELP RNCROSSOVER for details.

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=>
Uploading C:\Program Files\Stnexp\Queries\10087112.str

chain nodes :
12 13 14 15 16 17 18 19 20 21 22 34 35 36 37 38 39 40 41 42 43
44 45 46 47 48 51
ring nodes :

```
1  2  3  4  5  6  7  8  9  10  11  23  24  25  26  27  28  29  30  31  32  33
chain bonds :
1-8   2-13   4-12   6-20   8-19   9-18   9-46   10-17   10-45   11-14   11-16   14-15   14-21
14-22   15-51   23-30   24-35   26-34   28-42   30-41   31-40   32-39   33-36   33-38   36-37
36-43   36-44   45-47   46-48
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-11   8-9   9-10   10-11   23-24   23-28   24-25
25-26   26-27   27-28   29-30   29-33   30-31   31-32   32-33
exact/norm bonds :
1-2   1-6   1-8   2-3   2-13   3-4   4-5   4-12   5-6   7-8   7-11   8-9   9-10   9-46   10-11
10-45   14-15   23-24   23-28   23-30   24-25   24-35   25-26   26-27   26-34   27-28   29-30
29-33   30-31   31-32   32-33   36-37
exact bonds :
6-20   8-19   9-18   10-17   11-14   11-16   14-21   14-22   15-51   28-42   30-41   31-40
32-39   33-36   33-38   36-43   36-44   45-47   46-48
```

```
Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom
11:Atom   12:CLASS   13:CLASS   14:CLASS   15:CLASS   16:CLASS   17:CLASS   18:CLASS
19:CLASS   20:CLASS   21:CLASS   22:CLASS   23:Atom   24:Atom   25:Atom   26:Atom   27:Atom
 28:Atom   29:Atom   30:Atom   31:Atom   32:Atom   33:Atom   34:CLASS   35:CLASS   36:CLASS
 37:CLASS   38:CLASS   39:CLASS   40:CLASS   41:CLASS   42:CLASS   43:CLASS   44:CLASS
45:CLASS   46:CLASS   47:CLASS   48:CLASS   51:CLASS
fragments assigned product role:
containing 23
fragments assigned reactant/reagent role:
containing 1
```

```
L1        STRUCTURE UPLOADED

=> s l1 sample
SAMPLE SEARCH INITIATED 10:58:42 FILE 'CASREACT'
SCREENING COMPLETE -    434 REACTIONS TO VERIFY FROM      37 DOCUMENTS

100.0% DONE    434 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:      7431 TO      9929
PROJECTED ANSWERS:               0 TO         0

L2           0 SEA SSS SAM L1 (      0 REACTIONS)

=> s l1 full
FULL SEARCH INITIATED 10:58:51 FILE 'CASREACT'
SCREENING COMPLETE -   6907 REACTIONS TO VERIFY FROM     517 DOCUMENTS

100.0% DONE   6907 VERIFIED       3 HIT RXNS                    2 DOCS
SEARCH TIME: 00.00.01

L3           2 SEA SSS FUL L1 (      3 REACTIONS)

=> d 1-2
```
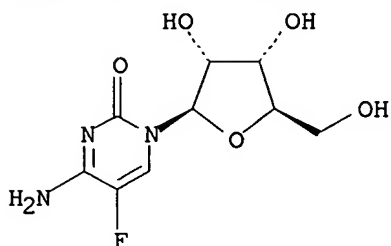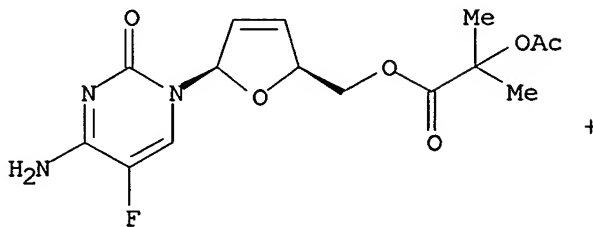
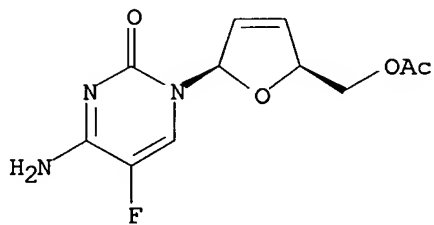L3   ANSWER 1 OF 2   CASREACT   COPYRIGHT 2003 ACS on STN

RX(6) OF 9 - 2 STEPS

1.1. Me2C(OAc)COBr,
     AcOEt, MeCN
1.2. KHCO3, Water
2.1. CuSO4, Zn, Water
2.2. AcOH, DMF
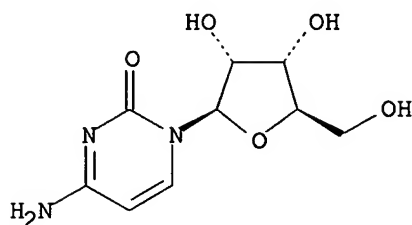2.3. K2CO3, Water

85%

+

RX(6) OF 9 - 2 STEPS

85%

REF: PCT Int. Appl., 2002070533, 12 Sep 2002
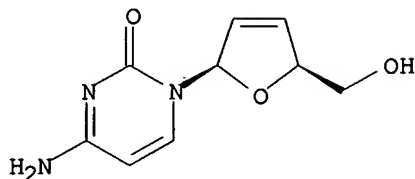NOTE: 1) optimization study, combined yield of 88%, 2) optimized on
      solvent, first stage prepn. of reducing agent

L3   ANSWER 2 OF 2   CASREACT   COPYRIGHT 2003 ACS on STN

RX(47) OF 58 - 5 STEPS

1.1. Pivaloyl chloride,
     Pyridine
1.2. MeSO2Cl
2. Mg(OMe)2, NaBH4,
   N2, Benzene, MeOH
3. Pivaloyl chloride,
   Pyridine
4. TsCl, NaH, THF
5.1. t-BuOK, t-BuOH
5.2. NH3, MeOH

REF: Chemistry Letters, (12), 2419-22; 1987

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:.
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	103.15	103.36

STN INTERNATIONAL LOGOFF AT 10:59:30 ON 24 NOV 2003

L Number	Hits	Search Text	DB	Time stamp
1	554	(544/317).CCLS.	USPAT; US-PGPUB	2003/11/24 08:58
2	8	((544/317).CCLS.) and (couple or "Zn/Cu")	USPAT; US-PGPUB	2003/11/24 11:43
3	27	((544/317).CCLS.) and ("5-fluoro")	USPAT; US-PGPUB	2003/11/24 11:43